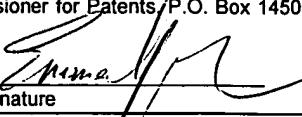


IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

MAIL STOP PATENT
APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR 1.10	
I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on <u>January 9, 2004</u> with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV324942639US addressed to: Mail Stop Patent Application, Commissioner for Patents/P.O. Box 1450 Alexandria, VA 22313-1450.	
<u>January 9, 2004</u>	
Date	Signature

22141 U.S. PTO
10/754321

010904

Re: Inventor(s): ALFRED W. MAK; YUNG-HEE YVETTE LEE; CYNTHIA B. BROOKS;
MELISA J. BUIE; TURGUT SAHIN and JIAN DING

Title: INTEGRATED PHASE ANGLE AND OPTICAL CRITICAL DIMENSION
MEASUREMENT METROLOGY FOR FEED FORWARD AND FEEDBACK
PROCESS CONTROL

Transmitted herewith is the patent application identified above, including:

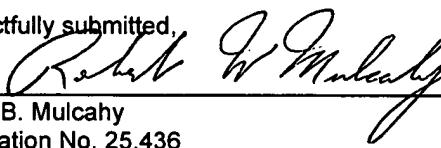
- Specification, claims and abstract 27 Total Pages
- Drawings Formal Informal 9 Total Pages
- Executed Declaration and Power of Attorney
- Information Disclosure Statement with List
- Assignment of the Invention to Applied Materials, Inc.
- Assignment Recordation Cover Sheet

FEE CALCULATION (37 CFR 1.16)

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
Basic Fee				\$770.00
Total Claims	25	- 20 = 5	X \$18 =	\$90.00
Independent Claims	7	- 3 = 4	X \$86 =	\$344.00
First Presentation of Multiple Dependent Claims		+ \$.		-0-
				\$1204.00
Total Filing Fee Calculation				

- The Commissioner is hereby authorized to charge \$1204.00 to Deposit Account No. 50-1074/AMAT/8428/MASK/MASK-ETCH/SA. A duplicate copy of this transmittal is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/AMAT/8428/MASK/MASK-ETCH/SA. A duplicate copy of this transmittal is enclosed.
- Please address all future correspondence to: Please direct all telephone communications to:
Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450A
Santa Clara, CA 95052
B. Todd Patterson
(713) 623-4844

Respectfully submitted,


Robert B. Mulcahy
Registration No. 25,436